


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

NOTES:

1. TOLERANCES IAW MPP-54, UNLESS OTHERWISE NOTED
2. SUGGESTED VENDOR: MIRADA RESEARCH AND MANUFACTURING INC
3. STENCIL DATA SHALL BE READ WHEN FACING DIRECTION AS INDICATED AND LOCATED APPROXIMATELY WHERE SHOWN WITH F/N 35
4. MATERIAL: P/N 600.0065, SEE SPEC AMS-028 NC
5. ALL DOUBLERS TRIM TO FIT
6. MATERIAL: FOR P/N 600.0025, SEE SPEC AMS-021 REV N/C
7. IDENTIFY IAW MPP-120
8. INSTALL COVERS WITH LIFERAFT OPENING FACING FWD
9. INSTALL LIFERAFT PACK COVER, F/N 63, OPENING TO OUTER FLOAT REF. SHEET 5
10. ONLY CEMENT THE PERIMETER OF THE DOUBLER, MINIMUM 1.0 IN WHERE POSSIBLE
11. HOT AIR WELD SEAMS IAW MPP-057.
12. P/N 646.5549 INNER CONE DOUBLER, ORIGINALLY PART OF ASSEMBLIES .5545 THRU .5548 FOR INCREASED GROSS WEIGHT, HAS BEEN REMOVED

| REVISION | | | |
|----------|---|------------|-------------|
| REV. | DESCRIPTION | DATE | APPROVED |
| NC | INITIAL RELEASE | 11/25/08 | P.BRAVO |
| A | INC. ECN 02437, 02529, 02635 AND 02713. | 12/08/09 | P.BRAVO |
| B | INC. ECN 02768, 02786 & 03662 | 10/25/12 | P. BRAVO |
| C | INC. ECN 03672, 05094, 05509 & 05602 | 11/08/16 | P. BRAVO |
| D | INC. ECN 05836 | 08/16/17 | P. BRAVO |
| E | INC. ECN 05953 | 04/05/18 | P. BRAVO |
| F | INC. ECN 06044 | 07/27/18 | P. BRAVO |
| G | INC. ECN 06084 | 08/31/2018 | P. BRAVO |
| H | INC. ECN 06520 | 10/19/20 | J. GARDINER |

| | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|----|----------|--------------------------------------|---|--|
| | | | | | | | | 1 | | | | | | | | 30 | 646.5539 | INNER CONE R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 29 | 646.5538 | CENTER PANEL AFT R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 28 | 646.5537 | CENTER PANEL FWD R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 27 | 646.5536 | OUTER PANEL AFT R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 26 | 646.5535 | OUTER PANEL FWD R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 25 | 646.5534 | OUTER CONE R.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 24 | 646.5533 | OUTER PANEL AFT L.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 23 | 646.5532 | CENTER PANEL AFT | 4 | |
| | | | | | | | | 1 | | | | | | | | 22 | 646.5531 | INNER PANEL AFT L.H. | 4 | |
| | | | | | | 1 | | | | | | | | | | 21 | 646.5530 | GIRT COVER TOP | 6 | |
| | | | | | | 1 | | | | | | | | | | 20 | 646.5529 | GIRT COVER | 6 | |
| | | | | | | 1 | | | | | | | | | | 19 | 646.5528 | GIRT DOUBLER CENTER | 6 | |
| | | | | | | 2 | | | | | | | | | | 18 | 646.5527 | GIRT DOUBLER | 6 | |
| | | | | | | | 4 | 4 | | | | | | | | 17 | 646.5526 | X-HINGE TAPE | 4 | |
| | | | | | | | 2 | 2 | | | | | | | | 16 | 646.5525 | DOUBLER FLOAT BOTTOM | 4 | |
| | | | | | | | | | | | | | | | | 15 | | DELETED | | |
| | | | | | | | | | | | | | | | | 14 | | DELETED | | |
| | | | | | | | | | | | | | | | | 13 | | DELETED | | |
| | | | | | | | | | | | | | | | | 12 | | DELETED | | |
| | | | | | | | | | | | | | | | | 11 | | DELETED | | |
| | | | | | | | 1 | 1 | | | | | | | | 10 | 646.5519 | OUTER CONE - ENDCAP | 4 | |
| | | | | | | | 1 | 1 | | | | | | | | 9 | 646.5518 | OUTER - ENDCAP | 4 | |
| | | | | | | | 1 | 1 | | | | | | | | 8 | 646.5517 | INNER CONE - ENDCAP | 4 | |
| | | | | | | | 2 | 2 | | | | | | | | 7 | 646.5516 | INNER - ENDCAP | 4 | |
| | | | | | | | 4 | 4 | | | | | | | | 6 | 646.5515 | CENTER END CAP | 4 | |
| | | | | | | | | 1 | | | | | | | | 5 | 646.5514 | OUTER PANEL FWD L.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 4 | 646.5513 | OUTER CONE L.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 3 | 646.5512 | INNER PANEL FWD L.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 2 | 646.5511 | INNER CONE PANEL L.H. | 4 | |
| | | | | | | | | 1 | | | | | | | | 1 | 646.5510 | CENTER PANEL FWD L.H. | 4 | |
| X | | | | | | | | | | | | | | | | | 646.5548 | AFT FLOAT ASSY W/ ETSO LIFERAFT R.H. | | |
| | X | | | | | | | | | | | | | | | | 646.5547 | AFT FLOAT ASSY W/ ETSO LIFERAFT L.H. | | |
| | | X | | | | | | | | | | | | | | | 646.5546 | AFT FLOAT ASSY R.H. | | |
| | | | X | | | | | | | | | | | | | | 646.5545 | AFT FLOAT ASSY L.H. | | |
| | | | | X | | | | | | | | | | | | | 646.5544 | AFT FLOAT ASSY W/ ETSO LIFERAFT R.H. | | |
| | | | | | X | | | | | | | | | | | | 646.5543 | AFT FLOAT ASSY W/ ETSO LIFERAFT L.H. | | |
| | | | | | | X | 1 | 1 | | | | | | | | | 646.5509 | GIRT ASSY | | |
| | | 1 | | | | | X | | 1 | 1 | | | | | | | 646.5508 | FLOAT R.H. | | |
| | | | 1 | | | | | X | | 1 | 1 | | | | | | 646.5507 | FLOAT L.H. | | |
| 1 | | | | 1 | | | | | X | | | | | 1 | | | 646.5506 | FLOAT R.H. W/ LIFERAFT | | |
| | 1 | | | | 1 | | | | | X | | | | | 1 | | 646.5505 | FLOAT L.H. W/ LIFERAFT | | |
| | | | | | | | | | | | X | | | | | | 646.5504 | AFT FLOAT ASSY R.H. | | |
| | | | | | | | | | | | | X | | | | | 646.5503 | AFT FLOAT ASSY L.H. | | |
| | | | | | | | | | | | | | X | | | | 646.5502 | AFT FLOAT ASSY W/ LIFERAFT R.H. | | |
| | | | | | | | | | | | | | | X | | | 646.5501 | AFT FLOAT ASSY W/LIFERAFT L.H. | | |
| .5548 | .5547 | .5546 | .5545 | .5544 | .5543 | .5509 | .5508 | .5507 | .5506 | .5505 | .5504 | .5503 | .5502 | .5501 | | | | | | |

| QTY | | | | | | | | | | F/N | PART # | DESCRIPTION | MAT'L | SPEC | | | | |
|-----|--|--|--|--|--|--|--|--|--|----------------|-----------|---|--------------|----------------|--|--|--|--|
| | | | | | | | | | | QTY | | PARTS LIST | | | | | | |
| | | | | | | | | | | NEXT ASSY (\$) | | ORIGINAL DATE (MO-DA-YR) | | 11-25-08 | |  3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 <small>APICAL INDUSTRIES, INC. dba DART AEROSPACE</small> | | |
| | | | | | | | | | | | | DRAWN BY | | CHECKER | | | | |
| | | | | | | | | | | 646.4100 | | D. PARROTT | | P. BRAVO | | | | |
| | | | | | | | | | | 651.3400 | | DRAWING APPROVAL P. BRAVO 12-22-2008 | | | | | | |
| | | | | | | | | | | | | CONTRACT No. | | | | | | |
| | | | | | | | | | | | | <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°</div> | | AFT FLOAT ASSY | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | SIZE | CAGE CODE | DWG. NO. | REV. | | | | | |
| | | | | | | | | | | B | 07MZ6 | 646.5500 | H | | | | | |
| | | | | | | | | | | SCALE NONE | | | SHEET 1 OF 6 | | | | | |

DART 3030 ENTERPRISE CT., SUITE A
AEROSPACE VISTA, CA. 92081
APICAL INDUSTRIES, INC. (760)-724-5300
dba DART AEROSPACE

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| | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|--------------|------------------------------------|--------------------------|------|
| 1 | | | | 1 | 1 | | | | | | | | | | 80 | 645.1710-187 | -4 DUAL INLET CHECK VALVE (.187) | | |
| | 1 | | | | 1 | | | | | | | | | | 79 | 645.1710-086 | -4 DUAL INLET CHECK VAVLE (.086) | | |
| 1 | | | | 1 | | | | | | | | | | | 78 | 645.1625-275 | -4 SINGLE INLET CHECK VALVE (.275) | | |
| | 1 | | | | 1 | | | | | | | | | | 77 | 645.1625-086 | -4 SINGLE INLET CHECK VALVE (.086) | | |
| 1 | | | | 1 | | | | | | | | | | | 76 | 645.1625-056 | -4 SINGLE INLET CHECK VALVE (.056) | | |
| | 1 | | | | 1 | | | | | | | | | | 75 | 645.1625-047 | -4 SINGLE INLET CHECK VALVE (.047) | | |
| 1 | 1 | | | 1 | 1 | | | | | | | | | | 74 | 650.9101 | 8 MAN ETSO LIFERAFT | | |
| 4 | 4 | 4 | 4 | 4 | 4 | | | | | | 4 | 4 | 4 | 4 | 73 | 601.0785 | BOLT | AN3C6A | |
| | | | | | | | | | | | | | | | 72 | | DELETED | | |
| | | | | | | | | | | | | | 1 | 1 | 71 | 645.1625-093 | -4 SINGLE INLET CHECK VALVE(.093) | | |
| | | | | | | | | | | | | | | 1 | 70 | 645.1625-089 | -4 SINGLE INLET CHECK VALVE(.089) | | |
| | | | | | | | | | | | | | 1 | | 69 | 645.1625-102 | -4 SINGLE INLET CHECK VALVE (.102) | | |
| | | | | | | | | | 1 | 1 | 1 | 1 | | | 68 | 646.5542 | INNER CONE DOUBLER | | |
| | | | | | | | 2 | | | | | | | | 67 | 645.1904-125 | -6 INLET CHECK VALVE(.125) | | |
| | | | | | | | | 2 | | | | | | | 66 | 645.1904-183 | -6 INLET CHECK VALVE(.183) | | |
| | | | | | | | 1 | 1 | | | | | | | 65 | 20303-3 | VALVE COLLAR | | |
| | | | | | | | | | | | | | 1 | 1 | 64 | 646.4801 | LIFERAFT ASSY | | |
| | | | | | | | | | 1 | 1 | | | | | 63 | 646.6501 | LIFERAFT PACK COVER | | |
| 1 | | | | 1 | | | | | | | | | 1 | | 62 | 646.5606 | COVER, AFT R.H. W/RAFT | | |
| | 1 | | | | 1 | | | | | | | | | 1 | 61 | 646.5605 | COVER, AFT L.H. W/RAFT | | |
| | | | | | | | 2 | 2 | | | | | | | 60 | 20370-2 | VELCRO PATCH | | |
| | | | | | | | 2 | 2 | | | | | | | 59 | 20370-1 | VELCRO PATCH | | |
| 1 | 1 | | | 1 | 1 | | | | | | | | 1 | 1 | 58 | 602.3011 | HOSE | | |
| 2 | 2 | 2 | 2 | 2 | 2 | | | | | 2 | 2 | 2 | 2 | | 57 | 602.3006 | HOSE | | |
| 2 | 2 | 2 | 2 | 2 | 2 | | | | | 2 | 2 | 2 | 2 | | 56 | 646.5710 | CHANNEL | | |
| 16 | 16 | 16 | 16 | 16 | 16 | | | | | 16 | 16 | 16 | 16 | | 55 | 601.0789 | NUT | MS21043-3 | |
| 32 | 32 | 32 | 32 | 32 | 32 | | | | | 32 | 32 | 32 | 32 | | 54 | 601.0774 | WASHER | NAS1149C0363R | |
| 12 | 12 | 12 | 12 | 12 | 12 | | | | | 12 | 12 | 12 | 12 | | 53 | 601.0720 | BOLT | AN3C5A | |
| | | 1 | | | | | | | | 1 | | | | | 52 | 646.5602 | COVER AFT R.H. | | |
| | | | 1 | | | | | | | | 1 | | | | 51 | 646.5601 | COVER AFT L.H. | | |
| | | | | | | 1 | | | | | | | | | 50 | 646.5311 | GIRT | | |
| | | | | | | | A/R | A/R | | | | | | | 49 | 600.0912 | INK | MIL-I-6903 TYP IV BLK | |
| | | | | | | | 3 | 3 | | | | | | | 48 | 20303-4 | VALVE COLLAR | | |
| | | | | | | | 4 | 4 | | | | | | | 47 | 20443-1 | COMM FLANGE ASSY | | |
| | | | | | | | 3 | 3 | | | | | | | 46 | 20441-1 | DIFFUSER | | |
| | | | | | | | 3 | 3 | | | | | | | 45 | 20304-1 | CHAFE GUARD | | |
| | | | | | | | 3 | 3 | | | | | | | 44 | 20303-2 | VALVE COLLAR | | |
| | | | | | | | 3 | 3 | | | | | | | 43 | 20303-1 | VALVE COLLAR | | |
| | | | | | | | | | | | | | | | 42 | | DELETED | | |
| | | | | | | | 24 | 24 | | | | | | | 41 | 647.2701 | SANDWICH SPLIT PATCH | | |
| | | | | | | | 1 | | | | | | | | 40 | 645.1825-125 | -6 INLET CHECK VALVE(.125) | | |
| | | | | | | | 3 | 3 | | | | | | | 39 | 600.0205 | FLUSH FLANGE | B-51073 REV D | |
| | | | | | | | 3 | 3 | | | | | | | 38 | 600.0206 | RECESSED FLANGE | B-51242 REC C | |
| | | | | | | | | 1 | | | | | | | 37 | 645.1825-183 | -6 INLET CHECK VALVE(.183) | | |
| | | | | | | | 3 | 3 | | | | | | | 36 | 601.1447 | PRV/TOPPING VALVE | A-53001-S REV N/C | |
| | | | | | | | 23 YD | 23 YD | | | | | | | 35 | | TAPE 1.0" BIAS | | |
| | | | | | | | 5 YD | 5 YD | .5 YD | .5 YD | | | .5 YD | .5 YD | 34 | | TAPE 2.0" | | |
| | | | | | | | 5 YD | 5 YD | | | | | | | 33 | | TAPE 3.0" BIAS | | |
| | | | | | | | 1 | | | | | | | | 32 | 646.5541 | INNER PANEL AFT R.H. | | |
| | | | | | | | 1 | | | | | | | | 31 | 646.5540 | INNER PANEL FWD R.H. | | |
| .5548 | .5547 | .5546 | .5545 | .5544 | .5543 | .5509 | .5508 | .5507 | .5506 | .5505 | .5504 | .5503 | .5502 | .5501 | F/N | PART # | DESCRIPTION | MAT'L | SPEC |
| QTY | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|----------------|--|---|--|---|--|
| QTY | | PARTS LIST | | | |
| NEXT ASSY (\$) | | ORIGINAL DATE (MO-DA-YR) | | 11-25-08 | |
| 646.4100 | | DRAWN BY D. PARROTT | | CHECKER P. BRAVO | |
| 651.3400 | | DRAWING APPROVAL P. BRAVO 12-22-2008 | | CONTRACT No. | |
| | | <div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°</div> | | AFT FLOAT ASSY | |
| | | | | SIZE B CAGE CODE 07MZ6 DWG. NO. 646.5500 REV. H | |
| | | | | SCALE NONE SHEET 2 OF 6 | |

DART
AEROSPACE

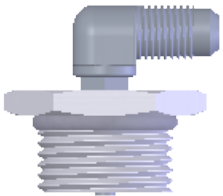
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

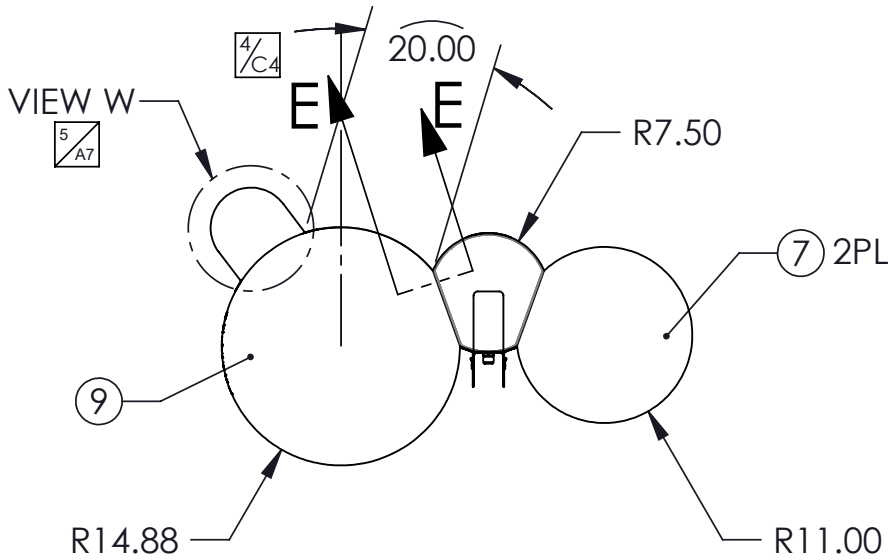
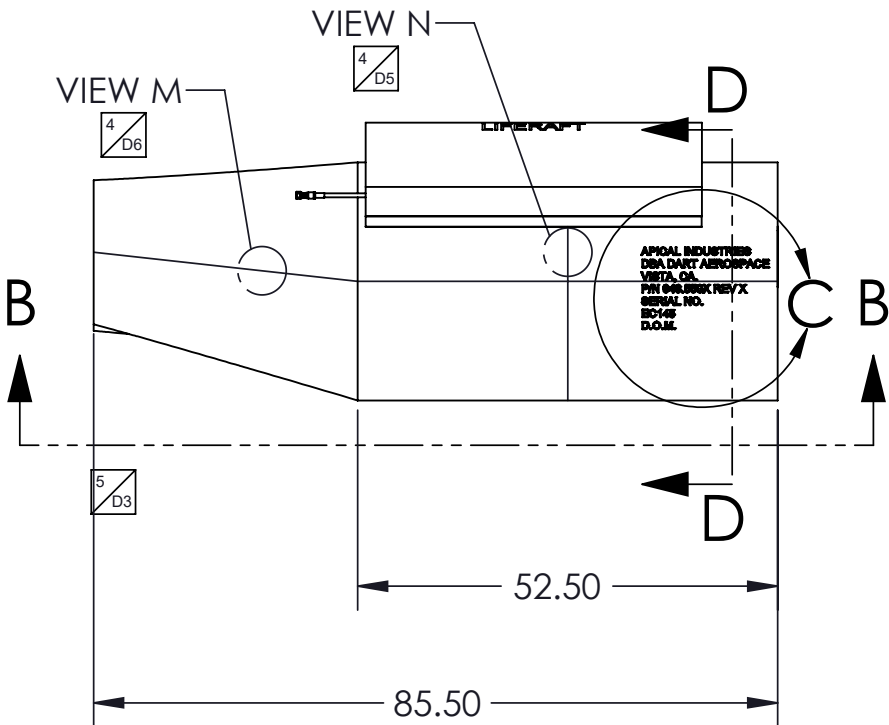
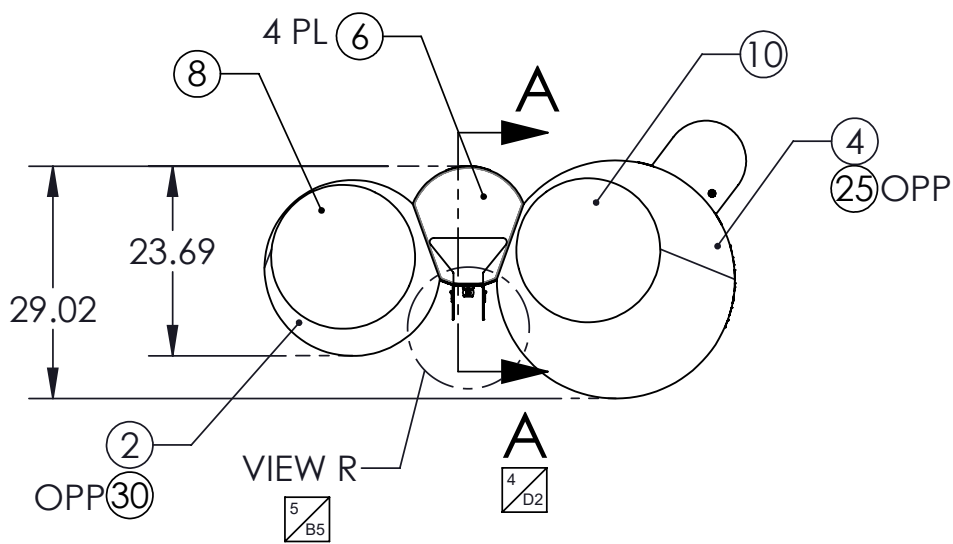
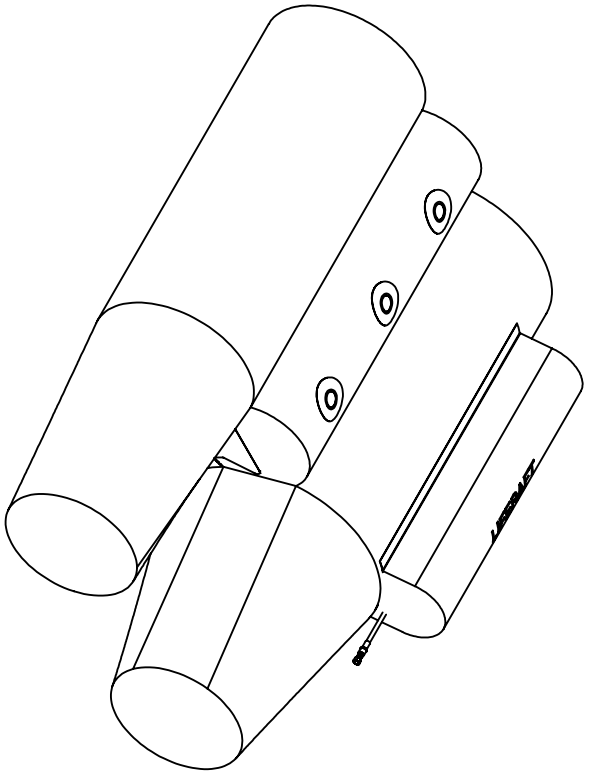
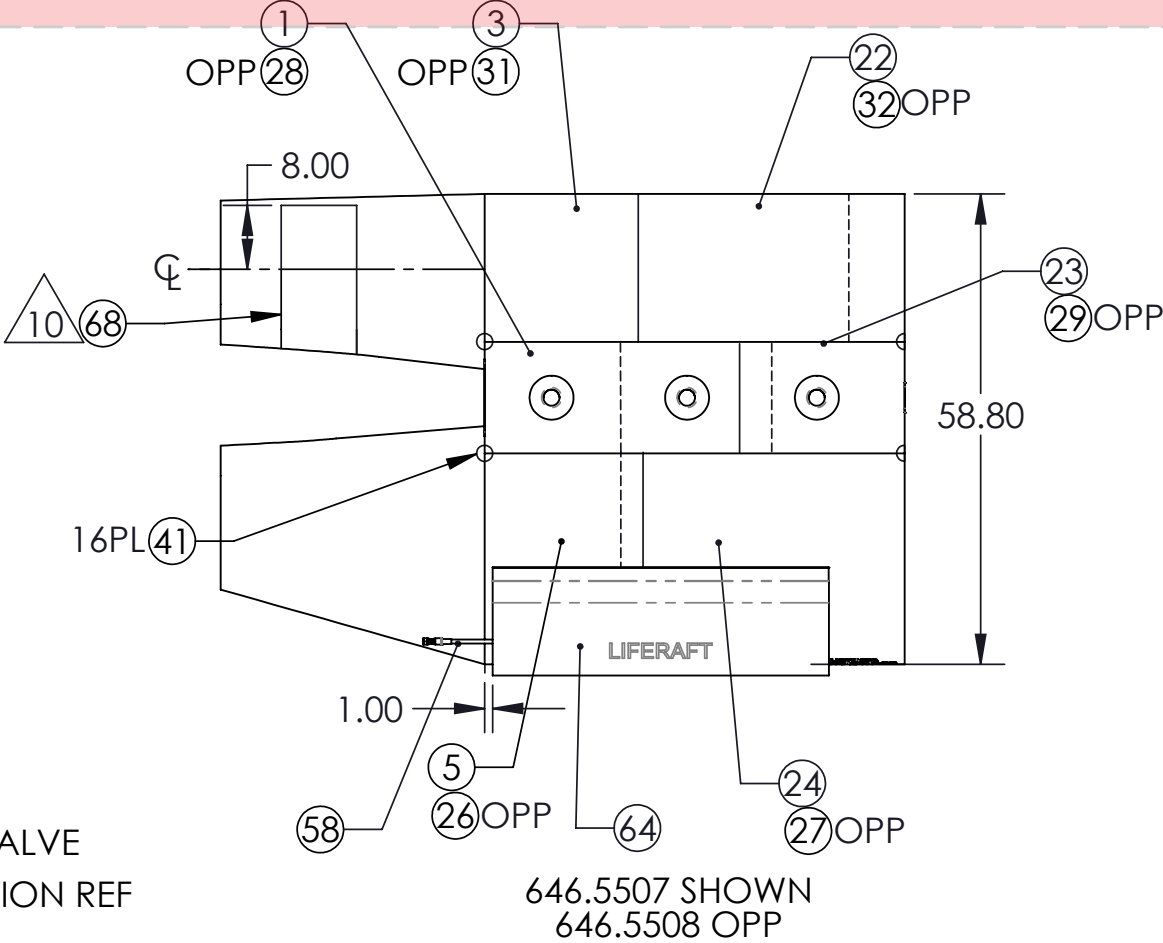
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APICAL INDUSTRIES
DBA DART AEROSPACE
VISTA, CA.
P/N 646.550X REV X
SERIAL NO.
EC146
D.O.M.

DETAIL C



645.1600 SERIES INLET CHECK VALVE
NOTE: FOR CHECK VALVE INSTALLATION REF
DWG 646.4800 8 MAN LIFERAFT
OR 650.9100 8 MAN ETSO LIFERAFT



| | | | |
|---|---------------------|---|----------------------|
| ORIGINAL DATE (MO-DA-YR) 11-25-08 | | DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | |
| DRAWN BY D. PARROTT | CHECKER P. BRAVO | | |
| DRAWING APPROVAL P. BRAVO 12-22-2008 | | AFT FLOAT ASSY | |
| CONTRACT No. | | SIZE B | REV. H |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5° | | CAGE CODE 07MZ6 | DWG. NO. 646.5500 |
| | | SCALE NONE | SHEET 3 OF 6 |

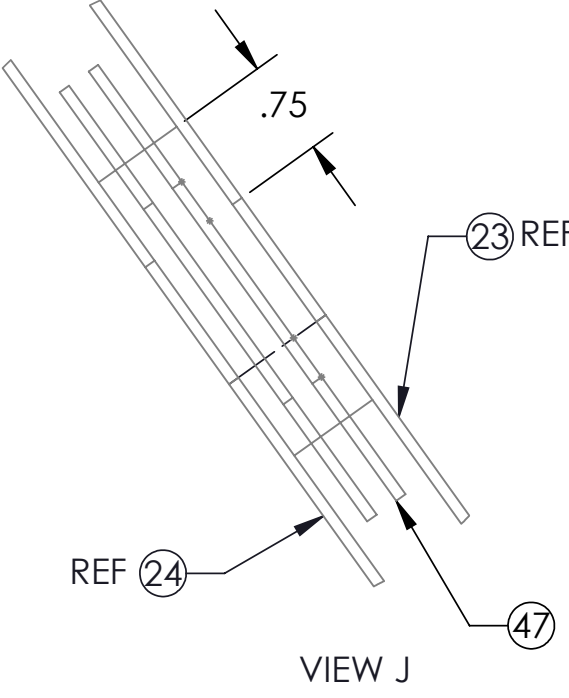
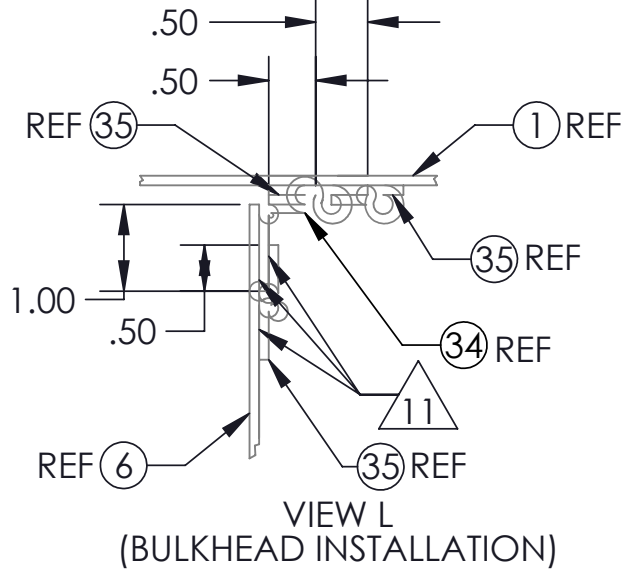
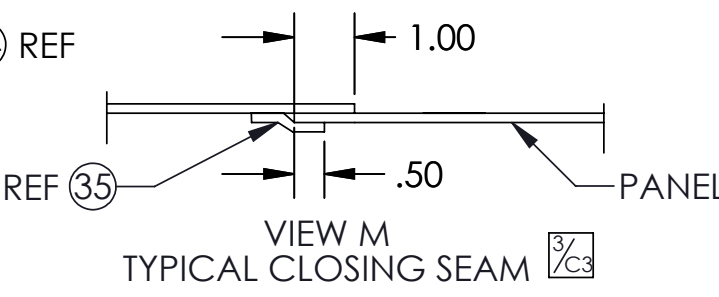
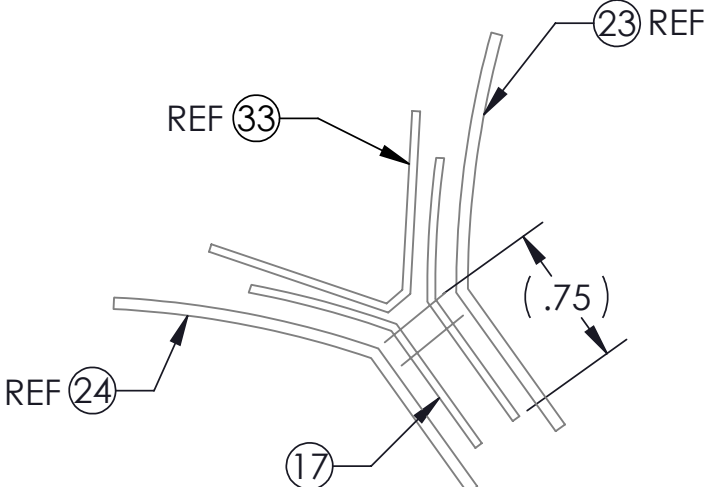
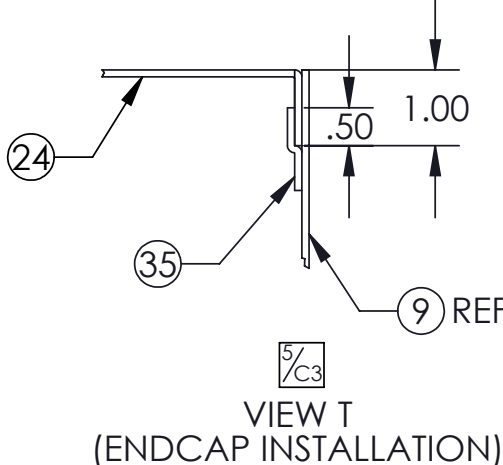
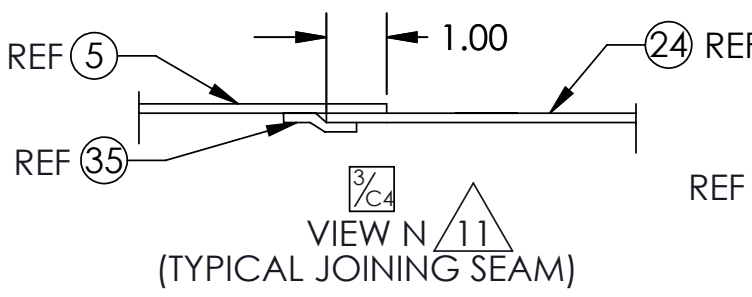
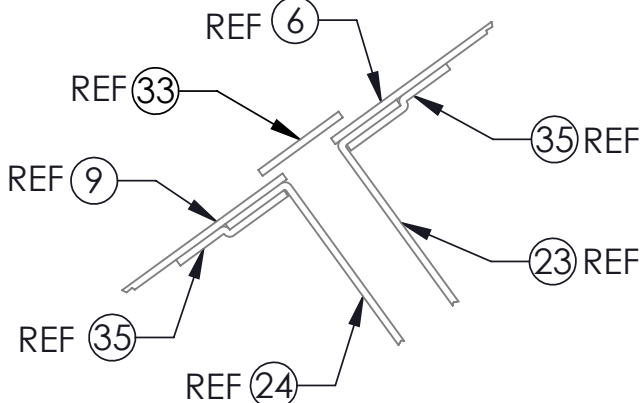
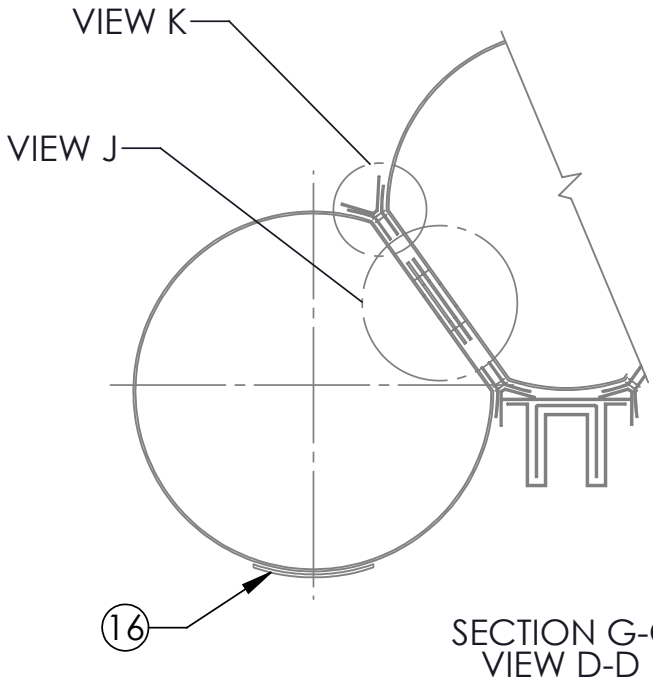
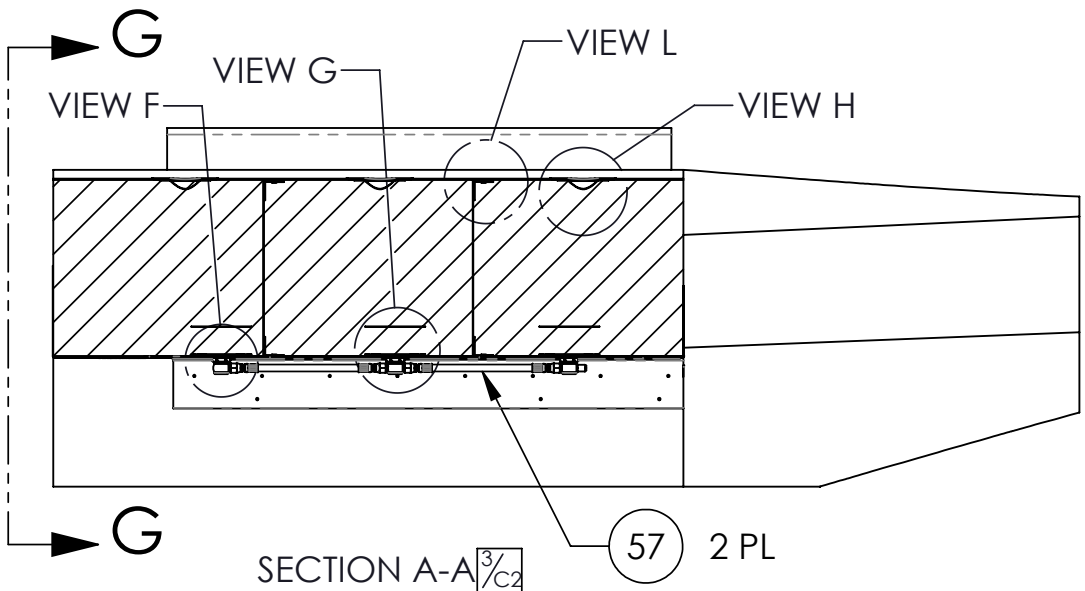
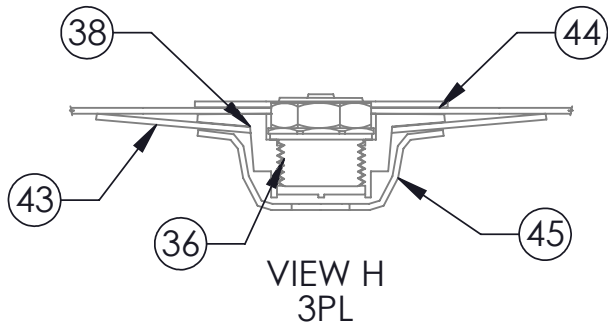
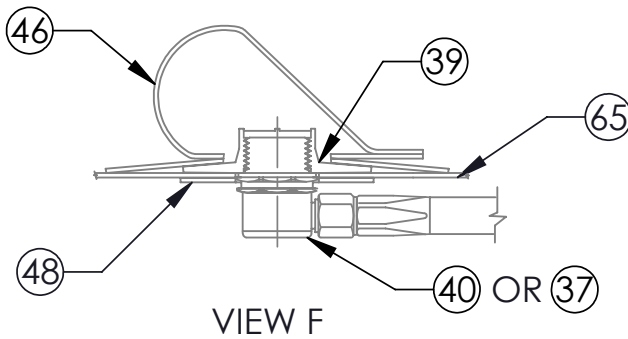
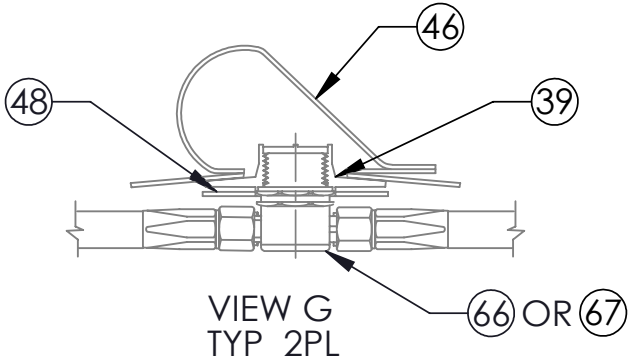
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A


B

C

D



| | |
|---|----------|
| ORIGINAL DATE (MO-DA-YR) | 11-25-08 |
| DRAWN BY | CHECKER |
| D. PARROTT | P. BRAVO |
| DRAWING APPROVAL | |
| P. BRAVO | |
| 12-22-2008 | |
| CONTRACT No. | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | |

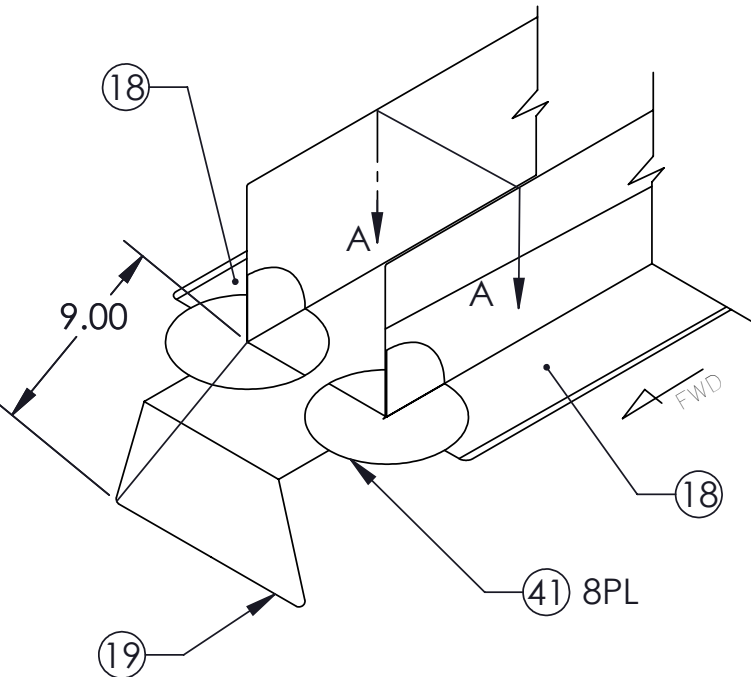


3030 ENTERPRISE CT.,
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VISTA, CA. 92081
(760)-724-5300

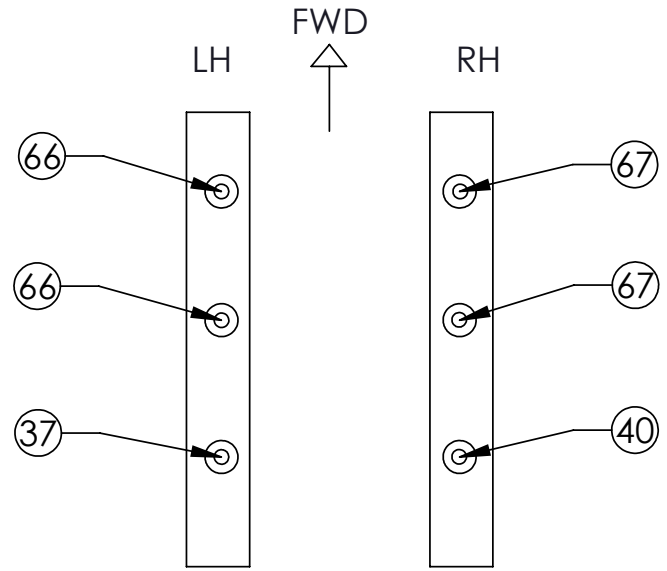
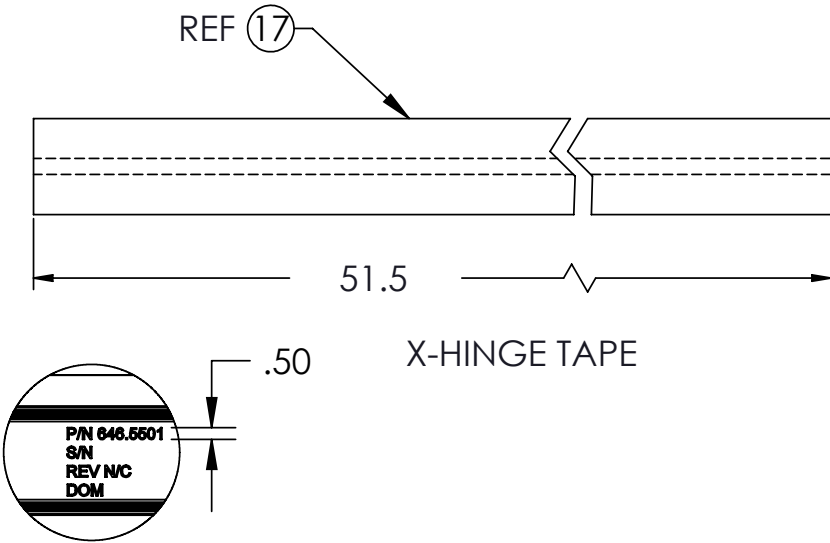
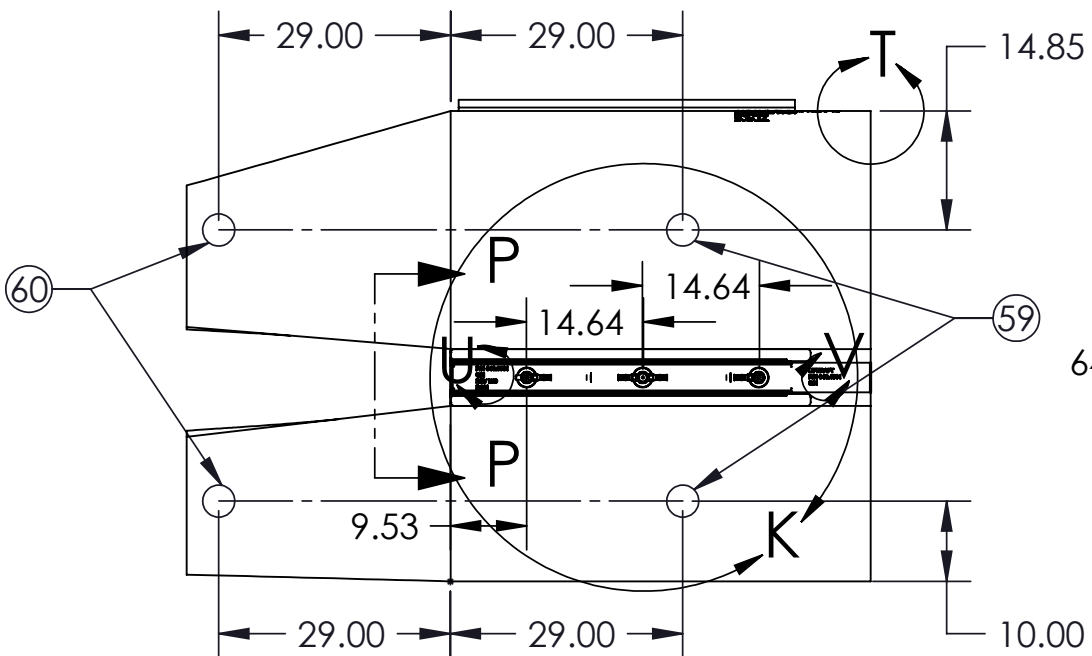
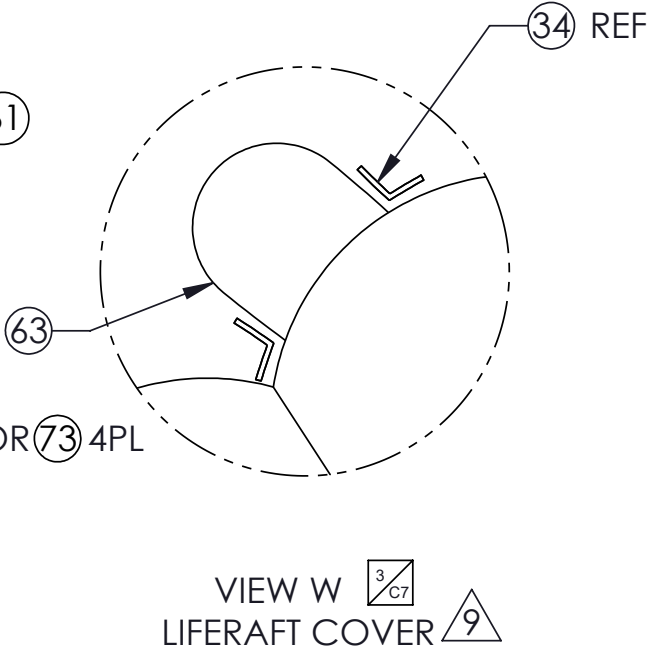
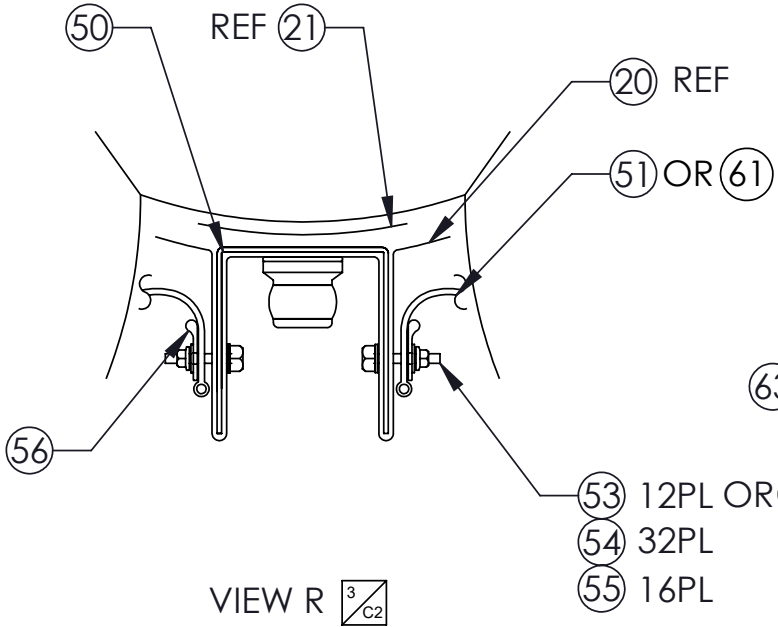
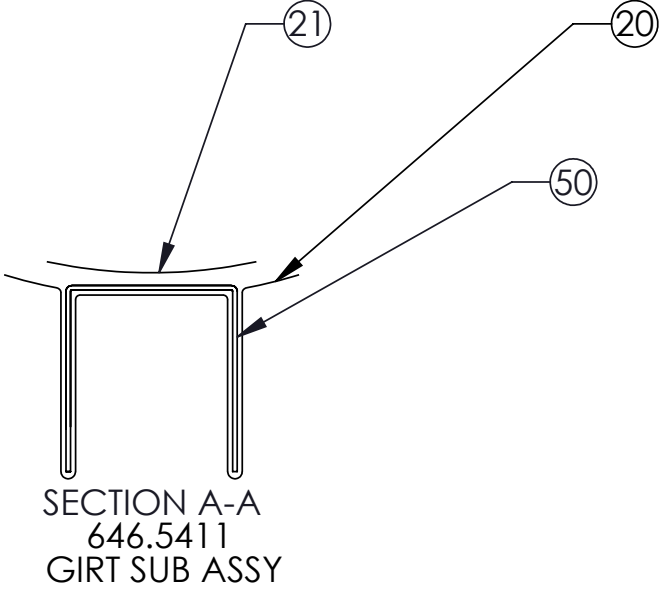
AFT FLOAT ASSY

| | | | |
|------------|-----------|--------------|------|
| SIZE | CAGE CODE | DWG. NO. | REV. |
| B | 07MZ6 | 646.5500 | H |
| SCALE NONE | | SHEET 4 OF 6 | |

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SECTION P-P
646.5509 ROTATED IN ISO
REMOVED FLOAT FOR CLARITY
F/N 41 INSTALLED ON ALL GIRT CORNERS AT FLOAT LEVEL



DETAIL U
646.5501/.5503 SHOWN
646.5502/.5504 OPP

DETAIL V
ONLY APPLIES TO 646.5501/.5502

| | | | |
|---|-------------------|--|--------|
| ORIGINAL DATE (MO-DA-YR) 11-25-08 | | DART 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | |
| DRAWN BY D. PARROTT | CHECKER P. BRAVO | | |
| DRAWING APPROVAL P. BRAVO 12-22-2008 | | APICAL INDUSTRIES, INC. dba DART AEROSPACE | |
| CONTRACT No. | | AFT FLOAT ASSY | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | SIZE B | CAGE CODE 07MZ6 | REV. H |
| | DWG. NO. 646.5500 | | |
| | SCALE NONE | | |
| | SHEET 5 OF 6 | | |

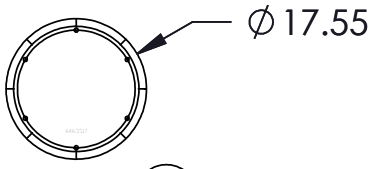
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A

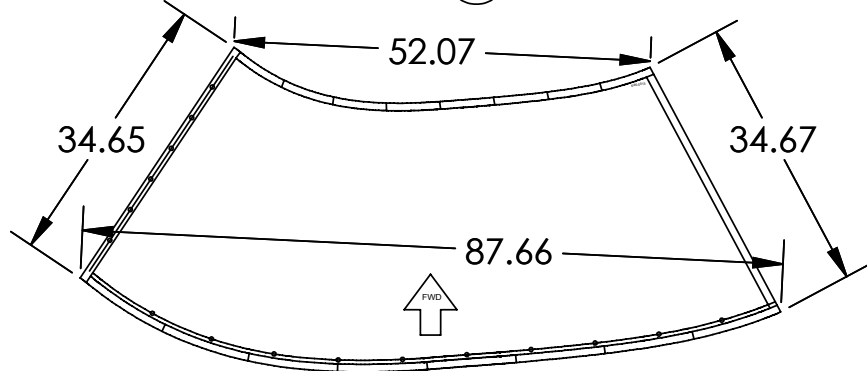
B

C

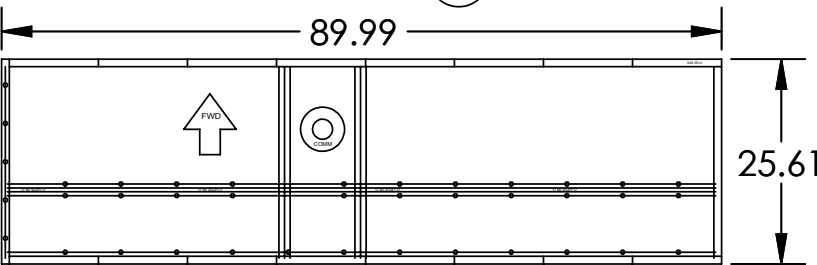
D



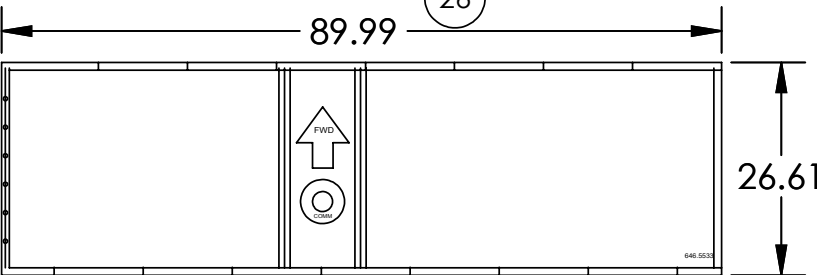
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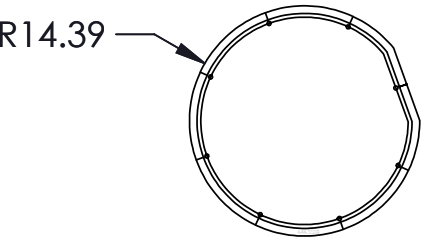
646.5513 SHOWN (4)
646.5534 OPP (25)



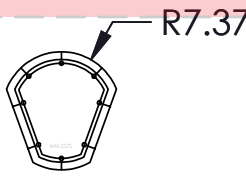
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646.5535 OPP (26)



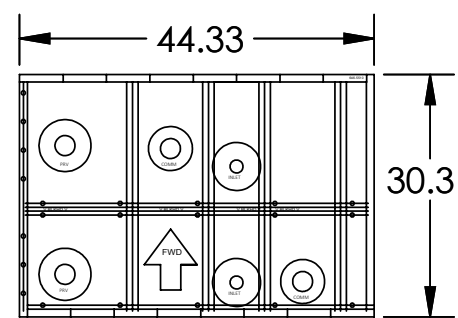
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646.5536 OPP (27)



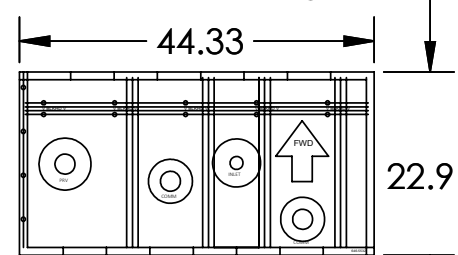
646.5518 (9)



646.5515 (6)



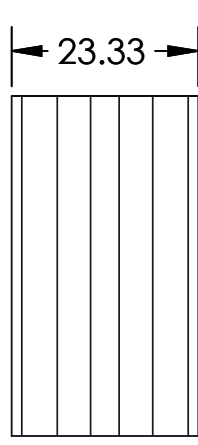
646.5510 SHOWN (1)
646.5537 OPP (28)



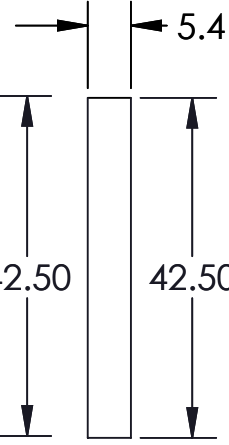
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646.5538 OPP (29)



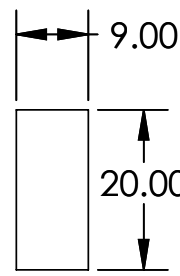
646.5525 (16)
646.5526 (17)
646.5527 (18)
646.5528 (19)



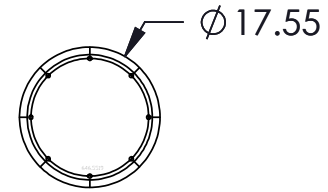
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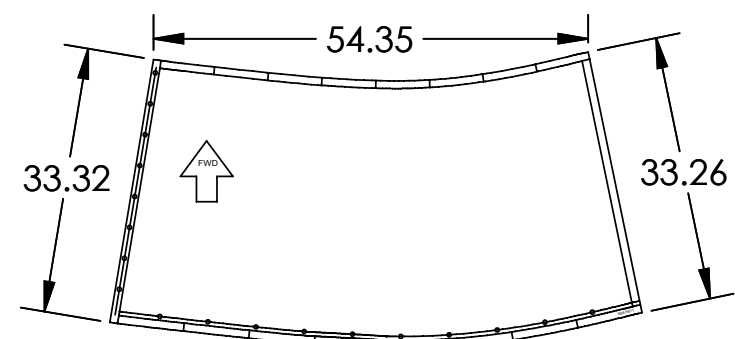
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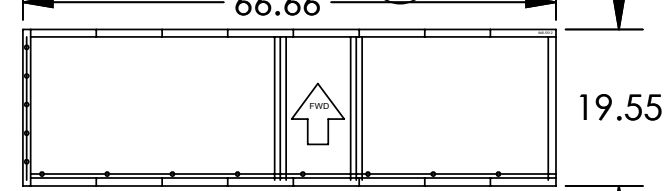
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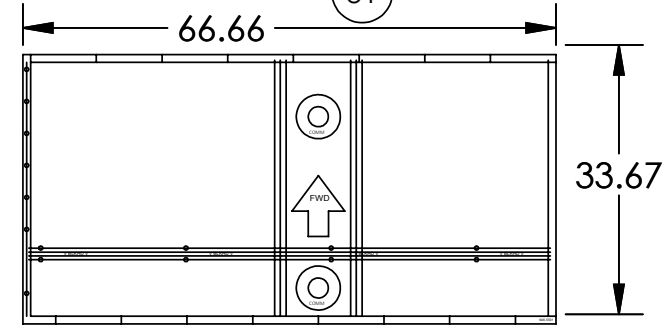
646.5519 (10)



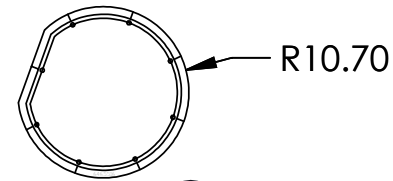
646.5511 SHOWN (2)
646.5539 OPP (30)



646.5512 SHOWN (3)
646.5540 OPP (31)



646.5531 SHOWN (22)
646.5541 OPP (32)



646.5516 (7)

ORIGINAL DATE 11-25-08
DRAWN BY D. PARROTT
CHECKER P. BRAVO
DRAWING APPROVAL P. BRAVO
12-22-2008
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ±.5°

| | | | |
|---|--------------------|---|-----------|
| DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE | | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 | |
| AFT FLOAT ASSY | | | |
| SIZE B | CAGE CODE 07MZ6 | DWG. NO. 646.5500 | REV. H |
| SCALE NONE | | SHEET 6 OF 6 | |